(*b*) The programme of work for 1110 includes the survey of the soils of Shencotta taluk, and further studies of the nutrition of the rice plant, the decomposition of green manures, the composting of night soil and street sweepings and the disintegration of bones by chemical and biological methods.

Work done by the Entomologist during 1109 and 1110.

16. **Mr. K. P. Nilakanta Pillai:** With reference to the working of the Entomologist of the Department of Agriculture, will the Government be pleased to state:

(*a*) the work or works in which he was engaged during 1109 M. E.; and

(*b*) the programme of work chalked out for him during 1110 M. E.?

Mr. K. Paramesvaran Pillai: (*a*) During the year 1109 the Entomologist was engaged in (i) the breeding and liberation of the parasites of plant pests especially Nephantis Serinopa, (ii) demonstration of control measures against the rice stem borer, the rice swarming caterpillar, the rice hispa, the red cocoanut weevil, the black cocoanut beetle, the cocoanut scale, the fig stem borer, the orange aphis, and other pests of cultivated crops and (iii) the study of the life-history of new pests like the pepper mytilapis and cocoanut Kanthyla.

(*b*) The programme of work for 1110 includes

(i) the continued breeding and liberation of Eulophid Sp: to control Nephantis Serinopa;

(ii) large scale compaigns to stamp out the rice stem borer of Nanjinad and the rice swarming caterpillar of Kuttanad;

(iii) a detailed study of all the pests of pepper vine; and

(iv) the demonstration of control measures against such pests as may be newly observed.

Work done by the Mycologist during 1109 & 1110.

17. **Mr. K. P. Nilakanta Pillai:** With reference to the working of the Mycologist of the Department of Agriculture, will the Government be pleased to state:

(*a*) the work or works in which he was engaged during 1109 M. E.; and

(*b*) the programme of work chalked out for him during 1110 M. E.?

Mr. N. Paramesvaran Pillai: (*a*) During the year 1109 the Mycologist was engaged in

(i) the investigation of plant diseases chiefly root disease and shoot rot of cocoanut palms, wilt of areca-nut palms, foot rot of paddy and dry rot of sugarcane;

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